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From: Henderson, Dedre
Sent: Thur 1/17/2013 6:36:04 PM
Subject: Hydraulic Fracturing & Natural Gas News-Janaury 17, 2012

Hydraulic Fracturing & Natural Gas News January 11 - 17, 2013

Headlines:

Republican senators slam EPA's delay on Pavillion report

<http://www.eenews.net/energywire/2013/01/17/2>

Gov. Mead 'disappointed' by new EPA Pavillion extension

http://billingsgazette.com/news/state-and-regional/wyoming/mead-disappointed-by-new-epa-pavillion-extension/article_049682f4-82ff-5923-9ecd-f91cec8c10d5.html

Fracking Industry Calls Foul on EPA Extension

<http://www.nationalreview.com/corner/337512/fracking-industry-calls-foul-epa-extension-jillian-kay-melchior#>

New journal will be devoted to unconventional energy

<http://www.eenews.net/energywire/2013/01/17/5>

EPA takes responsibility for clean water seriously (letter from Jim Martin)

<http://www.coloradoan.com/article/20130116/OPINION04/301160047/EPA-takes-responsibility-clean-water-seriously>

City's authority on oil and gas regs remains unclear

<http://www.gazette.com/news/regulations-149796-city-oil.html>

Thompson Divide drilling foes hope for boost from Salazar

<http://www.postindependent.com/article/20130117/VALLEYNEWS/130119910/1065&parentprofile=1074>

Letter: Fracking is an over-consumptive use of water

<http://www.postindependent.com/article/20130117/VALLEYNEWS/130119902/1021&parentprofile=1077>

CU Study: Oil and gas wells polluting Fort Collins' air

<http://www.coloradoan.com/article/20130116/NEWS01/301160024/CU-Study-Oil-gas-wells-polluting-Fort-Collins-air>

Ceramic beads replace sand for some drillers

<http://www.eenews.net/energywire/2013/01/15/9>

EPA Changed Course After Oil Company Protested

<http://www.npr.org/templates/story/story.php?storyId=169481524>

EPA Should Live Up to Its Name, Not Kowtow to the Oil and Gas Industry

<http://www.foodandwaterwatch.org/pressreleases/epa-should-live-up-to-its-name-not-kowtow-to-the-oil-and-gas-industry/>

Governor defends fracking as a net positive for environment

<http://blogs.denverpost.com/thebalancesheet/2013/01/16/governor-defends-fracking-net-positive-environment/8174/>

Letters: BLM standing in the way of oil shale development; Leasing public lands only way to answer the energy-water question

<http://www.postindependent.com/article/20130114/ARCHIVES01/130119946/1109&parentprofile=1074>

Letters: Dig deeper on energy needs for oil shale development; Oil shale industry's water consumption was overstated

<http://www.postindependent.com/article/20130113/VALLEYNEWS/130119963/1109&parentprofile=1074>

The problems with letting residents testify on drilling rules

<http://blogs.denverpost.com/eletters/2013/01/12/problems-letting-residents-testify-drilling-rules/20742/>

Seismic setbacks: 3 Severance families say living next to oil and gas is a teeth-chattering experience

<http://www.coloradoan.com/article/20130113/NEWS01/301130024/Seismic-setbacks-3-Severance-families-say-living-next-oil-gas-teeth-chattering-experience>

A 65-year history of drilling in the Thompson Divide

<http://www.postindependent.com/article/20130115/VALLEYNEWS/130119944/1065&parentprofile=1074>

Fight fracking to protect real treasure — our families, homes

<http://www.coloradoan.com/article/20130114/OPINION04/301140035/Fight-fracking-protect-real-treasure-our-families-homes>

Time for Boulder to ban fracking

http://www.dailycamera.com/guest-opinions/ci_22356850/time-boulder-ban-fracking

ND state officials: Federal regulations could slow oil

http://www.willistonherald.com/news/nd-state-officials-federal-regulations-could-slow-oil/article_c0b8138c-5ce2-11e2-9cd1-0019bb2963f4.html

Keep balanced approach to oil

http://bismarcktribune.com/news/opinion/editorial/keep-balanced-approach-to-oil/article_a9e266ce-6018-11e2-b2b1-0019bb2963f4.html

Oil companies look to ND Legislature for tax break

http://hosted.ap.org/dynamic/stories/N/ND_LEGISLATURE_WHAT_TO_WATCH_OIL_TAX_BILL_NDOL-?SITE=NDWIL&SECTION=HOME&TEMPLATE=DEFAULT

Tribal chairman asks state to share oil wealth

http://bismarcktribune.com/bakken/tribal-chairman-asks-state-to-share-oil-wealth/article_8b9e5d2e-5b6f-11e2-b70b-0019bb2963f4.html

An Oil Town Where Women Are Hounded

<http://www.nytimes.com/2013/01/16/us/16women.html?hp>

ND lawmakers mulling tax exemption for natural gas

http://bismarcktribune.com/bakken/nd-lawmakers-mulling-tax-exemption-for-natural-gas/article_556e4618-5f63-11e2-905b-0019bb2963f4.html

Some stops in the oil patch looking out for truckers' nutrition

http://bismarcktribune.com/bakken/some-stops-in-the-oil-patch-looking-out-for-truckers/article_9b422610-5c0b-11e2-9e73-0019bb2963f4

Regulators find nothing scary about fracking

<http://www.standard.net/stories/2013/01/10/regulators-find-nothing-scary-about-fracking>

Fracking boom: Curbs needed until more is known

<http://www.sltrib.com/sltrib/opinion/55621920-82/fracking-gas-energy-environment.html.csp>

Environmental group calls for groundwater protection measures

<http://www.wyomingpublicmedia.org/post/environmental-group-calls-groundwater-protection-measures>

Wyo. group pushes for water-conscious policies

<http://www.eenews.net/energywire/2013/01/15/5>

Senate approves Oil and Gas Supervisor changes

<http://www.wyomingpublicmedia.org/post/senate-approves-oil-and-gas-supervisor-changes>

Judge allows wildlife groups to challenge drilling project

http://trib.com/business/energy/judge-allows-wildlife-groups-to-challenge-drilling-project/article_eeda3fce-9f9f-5333-94fd-339fd73a14a4.html

Utah challenges White House's scaled-back oil sands development plan

<http://www.eenews.net/energywire/2013/01/14/2>

OIL SHALE: Commercial-scale project in Utah set for summer launch

<http://www.eenews.net/energywire/2013/01/11/2>

Methane levels show driller 'never caused any impacts' – Range

<http://www.eenews.net/energywire/2013/01/15/1>

TEXAS: Industry pumping billions into oil-rich Eagle Ford Shale play

<http://www.eenews.net/energywire/2013/01/11/11>

Workers in Eagle Ford file suit over wages, hours

<http://www.eenews.net/energywire/2013/01/14/5>

Energy Industry Awaits U.S. Ruling on Prairie Chicken

<http://www.nytimes.com/2013/01/13/us/oil-gas-and-wind-industries-await-ruling-on-prairie-chicken.html?ref=earth>

River Barge Transport of Fracking Waste on Hold

<http://www.newsmax.com/US/fracking-waste-ohio-/2013/01/14/id/471300>

Five Years Into Fracking Boom, One Pa. Town At A Turning Point

<http://www.npr.org/2013/01/14/169363299/five-years-into-fracking-boom-one-pa-town-at-a-turning-point>

Marcellus gets boost from new drilling, exploration deals

<http://www.eenews.net/energywire/2013/01/16/6>

State approval came late for long-running Pa. waste site

<http://www.eenews.net/energywire/2013/01/16/8>

County creates energy office as fracking tension builds in Albany

<http://www.eenews.net/energywire/2013/01/15/3>

Would Exporting the Natural Gas Surplus Help The Economy, or Hurt?

<http://green.blogs.nytimes.com/2013/01/11/would-exporting-the-natural-gas-surplus-help-the-economy-or-hurt/>

Fitch: Shale Boom Could Spur Manufacturing Growth but Unlikely to Lead to U.S. Energy Independence

http://finance.yahoo.com/news/fitch-shale-boom-could-spur-153400789.html?utm_source=feedburner&utm_medium=twitter&utm_campaign=Feed%3A+Shale-YahooNewsSearchResults+%28shale+-+Yahoo!+News+Search+Results%29

Mark Mills: California Could Be the Next Shale Boom State

Thanks to the Golden State's dire fiscal situation, don't be surprised if the governor were to proclaim: 'There will be oil.'

<http://online.wsj.com/article/SB10001424127887323353204578128733463180210.html?KEYWORDS=oil+shale>

'FRACKNATION'; A Flip Side to the Attack on Fracking [movie review]

<http://movies.nytimes.com/2013/01/11/movies/fracknation-a-documentary.html?scp=1&sq=fracking&st=nyt>

Filmmakers decry 'death, destruction' myths as they tout pro-fracking documentary

<http://www.eenews.net/energywire/2013/01/17/4>

Fracking Regulation a Top Issue for States in 2013

http://news.bna.com/deln/DELNWB/split_display.adp?fedfid=29084242&vname=dennotallissues&jd=a0d5z0r0z0&split=0

Energy giants to outspend Buffett in rush to build rail depots

<http://www.eenews.net/energywire/2013/01/15/8>

Shale transforming U.S. economy, API says

http://www.upi.com/Business_News/Energy-Resources/2013/01/11/Shale-transforming-US-economy-API-says/UPI-73721357915742/?spt=hs&or=er

Oil and gas executives see mergers, acquisitions keeping strong pace in 2013

<http://www.eenews.net/energywire/2013/01/11/3>

NATURAL GAS: Trouble ahead for energy companies as gas rally stalls

<http://www.eenews.net/energywire/2013/01/11/9>

HYDRAULIC FRACTURING: Americans wary of pollution risks from fracking – poll

<http://www.eenews.net/energywire/2013/01/11/7>

Calif. Senate votes to confirm agency head despite fracking concerns

<http://www.eenews.net/energywire/2013/01/15/4>

With U.S. oil booming, Canadians need new outlets – report

<http://www.eenews.net/energywire/2013/01/15/2>

Russians aim to capitalize on Greek gas sale

<http://www.eenews.net/energywire/2013/01/14/8>

Qatar Airways leads first commercial flight fueled by gas-to-liquids tech

<http://www.eenews.net/energywire/2013/01/14/3>

Halliburton Uses Clean-Burning U.S. Natural Gas to Power a Complete Hydraulic Fracturing Fleet

<http://www.businesswire.com/news/home/20130111005674/en/Halliburton-Clean-Burning-U.S.-Natural-Gas-Power-Complete>

Strategic Implications of Shale Gas Development in Argentina

<http://www.sacbee.com/2013/01/15/5115388/strategic-implications-of-shale.html>

Court: Polar bear habitat that interferes with oil drilling has to go

<http://grist.org/news/court-polar-bear-habitat-that-interferes-with-oil-drilling-has-to-go/>

2013 Outlook on Oil and Gas Sees Growth in Natural Gas Supply Outpacing Demand Growth

<http://deloitte.wsj.com/cfo/2013/01/11/2013-outlook-on-oil-gas-sees-growth-in-natural-gas-supply-outpacing-demand/?KEYWORDS=+shale+gas>

Chevron poised to win shale gas exploration license in Lithuania

http://www.washingtonpost.com/business/chevron-poised-to-win-shale-gas-exploration-license-in-lithuania/2013/01/15/880fd43a-5f25-11e2-9dc9-bca76dd777b8_story.html

Governors' speeches targeted for anti-fracking demonstrations

<http://www.eenews.net/energywire/2013/01/16/1>

BP sees conventional energy's growth eclipsing shale revolution

<http://www.eenews.net/energywire/2013/01/17/3>

Natural Gas Infrastructure Firm Seeks End To EPA Auto Rule Fuel Mandate

<http://cleanenergyreport.com/201301172421753/Clean-Energy-Report-Daily->

[News/News/natural-gas-infrastructure-firm-seeks-end-to-epa-auto-rule-fuel-mandate/menu-id-202.html?s=dn](http://www.nytimes.com/2013/01/15/business/energy-environment/natural-gas-infrastructure-firm-seeks-end-to-epa-auto-rule-fuel-mandate/menu-id-202.html?s=dn)

BP Says North America Shale Oil Boom Will Pressure OPEC

http://online.wsj.com/article/SB10001424127887323468604578245650412849768.html?mod=googlenews_wsj

Water Tectonics Assigned Patent

<http://bit.ly/1028etm>

Electronic Resources:

OGJ Weekly Unconventional Oil & Gas Report - January 15, 2013

http://newsletters.pennnet.com/ogj_enl/186804351.html

Impacts of Fracking

Partnerships for Environmental Public Health (PEPH)

<http://www.niehs.nih.gov/research/supported/dert/sphb/programs/peph/podcasts/fracking/index.cfm>

Too much, or not enough?

http://www.hcn.org/blogs/goat/too-much-or-not-enough?utm_source=wc1&utm_medium=email

Journal Alerts:

[Comparative study of NF and RO membranes in the treatment of produced water—Part I: Assessing water quality](#) Original Research Article

Desalination, Available online 8 January 2013, Pages

Salem Alzahrani, A.W. Mohammad, N. Hilal, Pauzi Abdullah, Othman Jaafar

Highlights

- The new hydrophilic NF/RO membranes were used for treatment of produced water.
- The hydrophilic properties are anticipated to show a low level of membrane fouling.
- The NF treated water met standards for drinking water except for three parameters.
- The RO treated water has potential for reuse as indirect potable water. ► The NF membrane may be used as a pre-treatment for the RO.

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